SEQUENCE LISTING

- (1) GENERAL INFORMATION:
 - (i) APPLICANT: Larry Gold Craig Tuerk
 - (ii) TITLE OF INVENTION: Nucleic Acid Ligands
 - (iii) NUMBER OF SEQUENCES: 374
 - (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: Swanson & Bratschun, L.L.C.
 - (B) STREET: 1745 Shea Center Drive, Suite 330
 - (C) CITY: Highlands Ranch
 - (D) STATE: Colorado
 - (E) COUNTRY: USA
 - (F) ZIP: 80129
 - (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Diskette, 3.50 inch, 1.44 MG storage
 - (B) COMPUTER: IBM compatible
 - (C) OPERATING SYSTEM: MS-DOS
 - (D) SOFTWARE: WordPerfect 8.0
 - (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER: 09/____
 - (B) FILING DATE: October 18, 2001
 - (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 09/502,344
 - (B) FILING DATE: February 10, 2000
 - (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 09/143,190
 - (B) FILING DATE: August 27, 1998
 - (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/469,609
 - (B) FILING DATE: June 6, 1995
 - (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/428,964
 - (B) FILING DATE: April 25, 1995
 - (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/412,110
 - (B) FILING DATE: March 27, 1995
 - (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/409,442
 - (B) FILING DATE: March 24, 1995
 - (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 07/714,131
 - (B) FILING DATE: June 10, 1991
 - (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 07/536,428
 - (B) FILING DATE: June 11, 1990
 - (viii) ATTORNEY/AGENT INFORMATION:
 - (A) NAME: Barry J. Swanson
 - (B) REGISTRATION NUMBER: 33,215
 - (C) REFERENCE/DOCKET NUMBER: NEX01/C8
 - (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: (303) 268-0066

	(B) TELEFAX: (303) 268-0065	
	INFORMATION FOR SEQ ID NO:1: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 15 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1: GNAANU CGNNN	15
(2)	 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 15 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 	
AAGUI	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2: NNGUNN CNNNN	15
(2)	<pre>INFORMATION FOR SEQ ID NO:3: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 15 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:	
AAGU	CCGUAA CACAC	15
(2)	<pre>INFORMATION FOR SEQ ID NO:4: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 45 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:</pre>	
TAATA	ACGACT CACTATAGGG AGCCAACACC ACAATTCCAA TCAAG	45
(2)	<pre>INFORMATION FOR SEQ ID NO:5: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:</pre>	
GGGC	TATAAA CTAAGGAATA TCTATGAAAG	30
(2)	INFORMATION FOR SEQ ID NO:6:	

 (A) LENGTH: 37 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6: 	
GAATTGTGGT GTTGGCTCCC TATAGTGAGT CGTATTA	37
(2) INFORMATION FOR SEQ ID NO:7: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:	
ATATTCCTTA GTTTATAGCC CNNNNNNNA GGCTCTTGAT TG	42
(2) INFORMATION FOR SEQ ID NO:8: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 31 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:	
GTTTCAATAG AGATATAAAA TTCTTTCATA G	31
(2) INFORMATION FOR SEQ ID NO:9: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:	
III ICCCNINININI NININICCCC A A A	20

(2) INFORMATION FOR SEQ ID NO:10: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 31 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:	
GTTTCAATAG AGATATAAAA TTCTTTCATA G	31
(2) INFORMATION FOR SEQ ID NO:11: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 91 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:	
GGGAGCCAAC ACCACAAUUC CAAUCAAGNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNN	50 91
(2) INFORMATION FOR SEQ ID NO:12: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:12	
ACGAAACAAA UAAGGAGGAG GAGGGAUUGU	30
(2) INFORMATION FOR SEQ ID NO:13: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:	
AGGAGGAGGA GGGAGAGCGC AAAUGAGAUU	30
(2) INFORMATION FOR SEQ ID NO:14: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:	
AGGAGGAGGA GGUAGAGCAU GUAUUAAGAG	30
(2) INFORMATION FOR SEQ ID NO:15: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:15:	
UAAGCAAGAA UCUACGAUAA AUACGUGAAC	30
(2) INFORMATION FOR SEQ ID NO:16: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:16:	
AGUGAAAGAC GACAACGAAA AACGACCACA	30
(2) INFORMATION FOR SEQ ID NO:17: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 29 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:17:	
CCGAGCAUGA GCCUAGUAAG UGGUGGAUA	29
(2) INFORMATION FOR SEQ ID NO:18: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:18:	
UAAUAAGAGA UACGACAUAA	30
(2) INFORMATION FOR SEQ ID NO:19:(i) SEQUENCE CHARACTERISTICS:(A) LENGTH: 30 nucleotides(B) TYPE: nucleic acid	

			STRANDEDNE TOPOLOGY:		ngle			
	(xi)	SEQUE	NCE DESCRI	PTION:	SEQ	ID	NO:19:	
ACAU	ICGAUG <i>I</i>	A CCGG	AAUGCC GCA	CACAGAC	3			30
(2)	INFORM	SEQUE (A) (B) (C)	FOR SEQ INCE CHARACTERS LENGTH: 30 TYPE: nucl STRANDEDNE TOPOLOGY:	TERIST nucleo eic aci SS: sir	ICS: otide id	es		
	(xi)	SEQUE	NCE DESCRI	PTION:	SEQ	ID	NO:20:	
CCUC	CAGAGCO	G CAAG	AGUCGA ACG	AAUACA(3			30
(2)		SEQUE (A) (B) (C)	FOR SEQ INCE CHARACTERSTH: 30 TYPE: nucl STRANDEDNE TOPOLOGY:	TERISTI nucleo eic aci SS: sir	ICS: otide id	es		
	(xi)	SEQUE	NCE DESCRI	PTION:	SEQ	ID	NO:21:	
CUCA	UGGAG	C GCAA	GACGAA UAG	CUACAU	A			30
(2)		SEQUE (A) (B) (C)	FOR SEQ INCE CHARACTERSTH: 30 TYPE: nucl STRANDEDNE TOPOLOGY:	TERIST: nucleo eic ac: ESS: sir	ICS: otide id	es		
	(xi)	SEQUE	NCE DESCRI	PTION:	SEQ	ID	NO:22:	
ACAU	JCGAUG2	A CCGG	AAUGCC GC	CACAGA	G			30
(2)		SEQUE (A) (B) (C)	FOR SEQ THE SEQ THE SECOND TO SECOND	TERIST: nucleo leic ac: ESS: sin	ICS: otide id	es		
	(xi)	SEQUE	NCE DESCRI	PTION:	SEQ	ID	NO:23:	
CCUC	CAGAGC	G CAAG	SAGUCGA ACC	SAAUACA(G			30
(2)	INFORI	10ITAN	FOR SEQ	D NO:2	4:			

	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:24:	
CGGC	GUGAUU	A GUACUGCAGA GCGGAAUGAC	30
(2)		MATION FOR SEQ ID NO:25: SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:25:	
UGCG	GAUAAG <i>I</i>	A CUUGCUGGGC GAGACAAACA	30
(2)		MATION FOR SEQ ID NO:26: SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:26:	
AGU	CCACAG	G GCACUCCCAA AGGGCAAACA	30
(2)		MATION FOR SEQ ID NO:27: SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:27:	
ACUC	CAUGGA	G CGCUCGACGA UCACCAUCGA	30
(2)	INFORT	MATION FOR SEQ ID NO:28: SEQUENCE CHARACTERISTICS: (A) LENGTH: 29 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:28:	

CAAGGGAGAA UGUCUGUAGC GUCCAGGUA	29
(2) INFORMATION FOR SEQ ID NO:29: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:29:	
CGACGCAGAG AUACGAAUAC GACAAAACGC	30
(2) INFORMATION FOR SEQ ID NO:30: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:30:	
GAGGGUGAGG UGGCAGUUUA	30
(2) INFORMATION FOR SEQ ID NO:31: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:31:	
UGAACUAGGG GGAGGGAGGG UGGAAGACAG	30
(2) INFORMATION FOR SEQ ID NO:32: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 29 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:32:	
GUGGAGGGA CGUGGAGGGG AGAGCAAGA	29
 (2) INFORMATION FOR SEQ ID NO:33: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:33:	
CUCAUGGAGC GCAAGACGAA UAGCUACAUA	30
(2) INFORMATION FOR SEQ ID NO:34: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 29 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:34:	
CCAUAGAGGC CACAAGCAAA GACUACGCA	29
(2) INFORMATION FOR SEQ ID NO:35: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:35:	
CCUACAAGAA AAGAGGGAAG GAGAAAAAAA	30
(2) INFORMATION FOR SEQ ID NO:36: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 23 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:36:	
GCCGGATCCG GGCCTCATGT GAA	23
(2) INFORMATION FOR SEQ ID NO:37: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 48 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:37:	
CCGAAGCTTA ATACGACTCA CTATAGGGAG CTCAGAATAA ACGCTCAA	48
(2) INFORMATION FOR SEQ ID NO:38:(i) SEQUENCE CHARACTERISTICS:(A) LENGTH: 77 nucleotides(B) TYPE: nucleic acid	

(C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:38:	
GGGAGCUCAG AAUAAACGCU CAANNNNNN NNNNNNNNN NNNNNNNNNN 5 NNNUUCGACA UGAGGCCCGG AUCCGGC 7	
(2) INFORMATION FOR SEQ ID NO:39: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:39:	
CGCUCAAUAA GGAGGCCACG GACAACAUGG UACAGCUUCG ACA 4	3
(2) INFORMATION FOR SEQ ID NO:40: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:40:	
CGCUCAAUAA GGAGGCCACA ACAAANGGAG ACAAAUUCGA CA 4	2
(2) INFORMATION FOR SEQ ID NO:41: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:41:	
CGCUCAAUAA GGAGGCCACA CACAUAGGUA GACAUGUUCG ACA 4	3
(2) INFORMATION FOR SEQ ID NO:42: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 45 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:42:	
CGCUCAAUAA GGAGGCCACA UACAAAAGGA UGAGUAAAUU CGACA 4	5

(2)		MATION FOR SEQ ID NO:43: SEQUENCE CHARACTERISTICS: (A) LENGTH: 45 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:43:	
CGC	UCAAUA.	A GGAGGCCACA AAUGCUGGUC CACCGAGAUU CGACA	45
(2)		MATION FOR SEQ ID NO:44: SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:44:	
CGC	JCAAUA(G GGAGGGCACG GGAAGGGUGA GUGGAUAUUC GACA	44
(2)		MATION FOR SEQ ID NO:45: SEQUENCE CHARACTERISTICS: (A) LENGTH: 29 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:45:	
CGCI	JCAAUA	A GGAGGCCACA AGUUCGACA	29
(2)		MATION FOR SEQ ID NO:46: SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:46:	
CGCI	UCAAUA.	A GGAGGGCCAC AGAUGUAAUG GAAACUUCGA CA	42
(2)		MATION FOR SEQ ID NO:47: SEQUENCE CHARACTERISTICS: (A) LENGTH: 46 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(vi)	SPOURNCE DESCRIPTION: SEO ID NO:47:	

CGCU	CAAUAA GGAGGCCACA UACAAAAGGA UGAGUAAAAU UCGACA	46
(2)	<pre>INFORMATION FOR SEQ ID NO:48: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 10 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:48:	
UUGA	GAUACA.	10
(2)	<pre>INFORMATION FOR SEQ ID NO:49: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 45 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:49:	
TAAT	ACGACT CACTATAGGG AGCCAACACC ACAATTCCAA TCAAG	45
(2)	<pre>INFORMATION FOR SEQ ID NO:50: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 49 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:50:	
TAAT	ACGACT CACTATAGGG AGCATCAGAC TTTTAATCTG ACAATCAAG	49
(2)	<pre>INFORMATION FOR SEQ ID NO:51: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 24 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:51:	
ATCT.	ATGAAA GAATTTTATA TCTC	24
(2)	<pre>INFORMATION FOR SEQ ID NO:52: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 37 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	

	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:52:	
GAAT	TGTGGT GTTGGCTCCC TATAGTGAGT CGTATTA	37
(2)	<pre>INFORMATION FOR SEQ ID NO:53: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:53:	
TCAG	ATTAAA AGTCTGATGC TCCCTATAGT GAGTCGTATT A	41
(2)	<pre>INFORMATION FOR SEQ ID NO:54: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 50 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:54:	
TTTC	ATAGAT NNNNNNNNN NNNNNNNNNN NNCTTGATTG	50
(2)	<pre>INFORMATION FOR SEQ ID NO:55: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 31 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:55:	
CCGG	ATCCGT TTCAATAGAG ATATAAAATT C	31
(2)	<pre>INFORMATION FOR SEQ ID NO:56: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 31 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:56:	
GTTT	CAATAG AGATATAAAA TTCTTTCATA G	31
(2)	<pre>INFORMATION FOR SEQ ID NO:57: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 32 nucleotides (B) TYPE: nucleic acid</pre>	

		(C) STRANDEDNESS: SINGLE (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:57:	
CCGA	AGCTTC	TAATACGACT CACTATAGGG AG	32
(2)	INFOR	MATION FOR SEQ ID NO:58: SEQUENCE CHARACTERISTICS: (A) LENGTH: 72 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:58:	
AGAGA CTTGA	ATATAZ ATTGT(A AATTCTTTCA TAGNNNNTTT TCCCGNNNNN NNNCGGAANN C AGATTAAAAG TC	50 72
(2)	INFOR	RMATION FOR SEQ ID NO:59: SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:59:	
GACG	TTGTA	A AACGACGCC	20
(2)	INFO	RMATION FOR SEQ ID NO:60: SEQUENCE CHARACTERISTICS: (A) LENGTH: 97 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:60:	
GGGA NNNN	GCAUC INNNNN	A GACUUUUAAU CUGACAAUCA AGNNNNNNNN NNNNNNNNNN N NNNNAUCUAU GAAAGAAUUU UAUAUCUCUA UUGAAAC	50 97
(2)	INFO	RMATION FOR SEQ ID NO:61: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:61:	
UCAA	AGAAUU	C CGUUUUCAGU CGGGAAAAAC UGAACAAUCU	40

(2)	<pre>INFORMATION FOR SEQ ID NO:62: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:62:	
UCA	AGCGUAG GUUAUGAAUG GAGGAGGUAG GGUCGUAAUC U	41
(2)	<pre>INFORMATION FOR SEQ ID NO:63: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:63:	
UCA	AGAAUAU CUUCCGAAGC CGAACGGGAA AACCGGCAUC U	41
(2)	<pre>INFORMATION FOR SEQ ID NO:64: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:64:	
UCA	AGAAUAU CUUCCGAGGC CGAACGGGAA AACCGACAUC U	41
(2)	<pre>INFORMATION FOR SEQ ID NO:65: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:65:	
UCA	AGAAUAC CUUCCGAGGC CGAACGGGAA AACCGGCAUC U	41
(2)	<pre>INFORMATION FOR SEQ ID NO:66: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(vi) SECTIFNCE DESCRIPTION: SEC ID NO.66.	

UCAA	GAAUAU CUUCCGAGGC CGAACGGGAA AACCGGCACC U	41
(2)	<pre>INFORMATION FOR SEQ ID NO:67: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:67:	
UCAA	GAAUAU CUUCCGAGGC CGAACGGGAA AACCGGCAAC U	41
(2)	<pre>INFORMATION FOR SEQ ID NO:68: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:68:	
UCAA	GGGCAU CUGGGAGGGU AAGGGUAAGG UUGUCGGAUC U	41
(2)	<pre>INFORMATION FOR SEQ ID NO:69: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:69:	
UCAA	GCCCAC GGAUGUCGAA GGUGGAGGUU GGGCGGCAUC U	41
(2)	<pre>INFORMATION FOR SEQ ID NO:70: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:70:	
UCAA	GAAGAA GAUUACCCAA GCGCAGGGGA GAAGCGCAUC U	41
(2)	<pre>INFORMATION FOR SEQ ID NO:71: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	

	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:71:	
UCAA	GGAAUC GACCCAAGCC AAAGGGGAUA AUGCGGCAUC U	41
(2)	<pre>INFORMATION FOR SEQ ID NO:72: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:72:	
UCAA	GGAUUA ACCGACGCCA ACGGGAGAAU GGCAGGGAUC U	41
(2)	<pre>INFORMATION FOR SEQ ID NO:73: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:73:	
UCAA	GAGAGU AUCAUCGUGC CGGCGGGAUA UCGGCGAUCU	40
(2)	<pre>INFORMATION FOR SEQ ID NO:74: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:74:	
UCAA	GAGAGU AUCAUCCGUG CCGGCGGGAU AUCGGCGAUC U	41
(2)	<pre>INFORMATION FOR SEQ ID NO:75: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:75:	
UCAA	GUUUGA ACAAGCGGAA CAUGCACAGC UACACUCAUC U	41
(2)	INFORMATION FOR SEQ ID NO:76: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid	

			STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQUE	NCE DESCRIPTION: SEQ ID NO:76:	
UCAA	GUUCGA	ACAA	GCGGAA CAUGCACAGC CACACUCAUC U	41
(2)	INFOF	SEQUE (A) (B) (C)	N FOR SEQ ID NO:77: NCE CHARACTERISTICS: LENGTH: 40 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQUE	NCE DESCRIPTION: SEQ ID NO:77:	
UCAAC	GCUCAC	GGAU	GUCGAA GGUGGAGGUU GGGCGGCAUC	40
	INFOF	SEQUE (A) (B) (C)	N FOR SEQ ID NO:78: NCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQUE	NCE DESCRIPTION: SEQ ID NO:78:	
UCAAG	CAUAG	ACCG	CGUAGG GGGAGGUAGG AGCGGCCAUC U	41
(2)	INFOF	SEQUE (A) (B) (C)	N FOR SEQ ID NO:79: NCE CHARACTERISTICS: LENGTH: 40 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQUE	NCE DESCRIPTION: SEQ ID NO:79:	
UCAAG	CUCUU	UCAU.	AGACCG CGGAGGAGGU UGGGAGAUCU	40
(2)	INFOR	SEQUE (A) (B) (C)	N FOR SEQ ID NO:80: NCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQUE	NCE DESCRIPTION: SEQ ID NO:80:	
UCAAG	UUCCU	AGUA	GACUGA GGGUGGAGU GGUGGAUGUC U	41
(2)	INFOR	MATIO	N FOR SEQ ID NO:81:	

	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:81:	
UCAAC	GCCAA1	U UACUUAUUUC GCCGACUAAC CCCAAGAAUC U	41
(2)	INFO	RMATION FOR SEQ ID NO:82: SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:82:	
UCAA	GGAGG	CAAUUCCAUG UAACAAGGUG CAACUAAUAU CU	42
(2)	(i)	(A) LENGTH: 41 nucleotides(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear	
		SEQUENCE DESCRIPTION: SEQ ID NO:83:	41
UCAA	.GUGCG	GU AUGAAGAGUA UUUAGUGCAG GCCACGGAUC U	4.1
(2)	INFO	ORMATION FOR SEQ ID NO:84: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)) SEQUENCE DESCRIPTION: SEQ ID NO:84:	
UCAA	AGUAA	UG ACCAGAGGCC CAACUGGUAA ACGGGCGGUC U	41
(2)	INF(ORMATION FOR SEQ ID NO:85: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:85:	

UCAA	GAGACU CCACCUGACG UGUUCAACUA UCUGGCGAUC U	41
(2)	<pre>INFORMATION FOR SEQ ID NO:86: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:86:	
UCAA	GAAUUC CGUUUUCAGU CGGGAAAAAC UGAACAAUCU	40
(2)	<pre>INFORMATION FOR SEQ ID NO:87: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:87:	
UCAA	GAAUAU CUUCCGAAGC CGAACGGGAA AACCGGCAUC U	41
(2)	<pre>INFORMATION FOR SEQ ID NO:88: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 34 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:88:	
UCAA	GGUUUC CGAAAGAAAU CGGGAAAACU GUCU	34
(2)	<pre>INFORMATION FOR SEQ ID NO:89: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:89:	
UCAA	GUAGAU AUCCGAAGCU CAACGGGAUA AUGAGCAUCU	40
(2)	<pre>INFORMATION FOR SEQ ID NO:90: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	

	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:90:	
UCAA	GAUAUG AUCCGUAAGA GGACGGGAUA AACCUCAACU	40
(2)	<pre>INFORMATION FOR SEQ ID NO:91: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:91:	
UCAA	GGAAUC GACCCAAGCC AAAGGGGAUA AUGCGGCAUC U	41
(2)	<pre>INFORMATION FOR SEQ ID NO:92: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:92:	
UCAA	GUCAUA UUACCGUUAC UCCUCGGGAU AAAGGAGAUC U	41
(2)	<pre>INFORMATION FOR SEQ ID NO:93: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:93:	
UCAA	GUAAUG ACCAGAGGCC CAACUGGUAA ACGGGCGGUC U	41
(2)	<pre>INFORMATION FOR SEQ ID NO:94: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:94:	
UCAA	GGAUUA ACCGACGCCA ACGGGAGAAU GGCAGGGAUC U	41
(2)	<pre>INFORMATION FOR SEQ ID NO:95: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid</pre>	

			STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:95:	
UCA	AGAAUA	J AUC	CGAACUC GACGGGAUAA CGAGAAGAGC U	41
(2)		SEQU (A) (B) (C)	ON FOR SEQ ID NO:96: ENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:96:	
UCAA	AGAAGA	A GAU	UACCCAA GCGCAGGGGA GAAGCGCAUC U	41
(2)		SEQU (A) (B) (C)	ON FOR SEQ ID NO:97: ENCE CHARACTERISTICS: LENGTH: 40 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:97:	
UCAA	AGUAAAI	J GAG	UCCGUAG GAGGCGGGAU AUCUCCAACU	40
(2)		SEQU (A) (B) (C)	ON FOR SEQ ID NO:98: ENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:98:	
UCAA	AGAGAGI	J AUC	AUCCGUG CCGGCGGAU AUCGGCGAUC U	41
(2)	INFORI (i)	SEQU (A) (B) (C)	N FOR SEQ ID NO:99: ENCE CHARACTERISTICS: LENGTH: 38 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:99:	
UCAA	AGAAUA	A UCC	GACUCGC GGGAUAACGA GAAGAGCU	38
(2)	INFOR	OITAN	N FOR SEQ ID NO:100:	

	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:100:	
UCAA	GUUCGA	A ACAAGCGGAA CAUGCACAGC CACACUCAUC U	41
(2)		RMATION FOR SEQ ID NO:101: SEQUENCE CHARACTERISTICS: (A) LENGTH: 48 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:101:	
CAAGU	JUAAAO	C AUAAUCCGUG AUCUUUCACA CGGGAGAUCU AUGAAAGA	48
(2)		RMATION FOR SEQ ID NO:102: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:102:	
AAUCA	AAGUA	C CUAGGUGAUA AAAGGGAGAA CACGUGUGAC U	41
(2) II		ATION FOR SEQ ID NO:103: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:103:	
AAUCA	AAGUA	C CUAGGUGAUA AAAGGGAGAA CACGUGUACU	40
(2) II	NFORMZ (i)	ATION FOR SEQ ID NO:104: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(32 i)	SECTIONS DESCRIPTION, SEC ID NO. 104.	

UCAAGAUAGU AUCCGUUCUU GAUCAUCGGG ACAAAUGAUC U	41
(2) INFORMATION FOR SEQ ID NO:105: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 46 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:105:	
UCAAGUGAAA CUUAACCGUU AUCAUAGAUC GGGACAAAUC UAUGAA	46
(2) INFORMATION FOR SEQ ID NO:106: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:106:	
UCAAGCGUAG GUUAUGAAUG GAGGAGGUAG GGUCGUAAUC UAUG	44
(2)INFORMATION FOR SEQ ID NO:107: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 50 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:107:	
AUCUGACAAU CAAGGGCAUC UGGGAGGGUA AGGGUAAGGU UGUCGGAUCU	50
(2) INFORMATION FOR SEQ ID NO:108: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:108:	
UCAAGCCCAC GGAUGUCGAA GGUGGAGGUU GGGCGGCAUC U	41
(2) INFORMATION FOR SEQ ID NO:109: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:109:
UCAAGCUCAC GGAUGUCGAA GGUGGAGGUU GGGCGGCAUC 40
(2) INFORMATION FOR SEQ ID NO:110: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:110:
UCAAGCAUAG ACCGCGUAGG GGGAGGUAGG AGCGGCCAUC UAUG 44
(2)INFORMATION FOR SEQ ID NO:111: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 48 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:111:
UCAAGCUCUU UCAUAGACCG CGGAGGAGGU UGGGAGAUCU AUGAAAGA 48
(2) INFORMATION FOR SEQ ID NO:112: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:112:
UCAAGUUCCU AGUAGACUGA GGGUGGGAGU GGUGGAUGUC UAU 43
(2) INFORMATION FOR SEQ ID NO:113: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 34 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:113:
UCCGUGAUCU UUCACACGGG AGAUCUAUGA AAGA 34
(2) INFORMATION FOR SEQ ID NO:114: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 27 nucleotides

	(C) (D)	STRANDEDNESS: sir TOPOLOGY: linear	ngle			
(xi)	SEQUI	ENCE DESCRIPTION:	SEQ	ID :	NO:114:	
UUCCGAAAGA	AAU	CGGGAAA ACUGUCU .				27
(2) INFORMA	SEQU: (A) (B)	FOR SEQ ID NO:115 ENCE CHARACTERIST LENGTH: 26 nucleo TYPE: nucleic ac: STRANDEDNESS: sin TOPOLOGY: linear	ICS: otide id ngle	:ន		
(xi)	SEQU	ENCE DESCRIPTION:	SEQ	ID	NO:115:	
UCCGUUAAGA	A GGA	CGGGAUA AACCUC				26
(2) INFORM	SEQU (A) (B) (C)	FOR SEQ ID NO:11 ENCE CHARACTERIST LENGTH: 27 nucle TYPE: nucleic ac STRANDEDNESS: si TOPOLOGY: linear	ICS: otide id ngle	es		
(xi)	SEQU	ENCE DESCRIPTION:	SEQ	ID	NO:116:	
UUCCGUUUU	C AGU	CGGGAAA AACUGAA				27
(2)INFORM (i)	SEQU (A) (B) (C)	FOR SEQ ID NO:11 ENCE CHARACTERIST LENGTH: 26 nucle TYPE: nucleic ac STRANDEDNESS: si TOPOLOGY: linear	TICS: eotide cid ingle	es		
(xi)	SEQU	JENCE DESCRIPTION:	: SEQ	ID	NO:117:	
UUCCGAGGC	CC GAZ	CGGGAAA ACCGGC				26
(2)INFORM (i)	SEQU	N FOR SEQ ID NO:11 JENCE CHARACTERIST LENGTH: 26 nucle TYPE: nucleic ac STRANDEDNESS: ST TOPOLOGY: linear	rics: eotid	es		
(xi)	SEQ	JENCE DESCRIPTION	: SEQ] ID	NO:118:	
ACCAGAGG(CC CA	ACUGGUAA ACGGGC				26
(2) INFOR	OITAN	N FOR SEQ ID NO:1	19:			

(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 25 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:119:	
UCCGAAGCU	C AACGGGAUAA UGAGC	25
	ATION FOR SEQ ID NO:120: SEQUENCE CHARACTERISTICS: (A) LENGTH: 23 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:120:	
UCCGAACUC	G ACGGGAUAAC GAG	23
, ,	ATION FOR SEQ ID NO:121: SEQUENCE CHARACTERISTICS: (A) LENGTH: 23 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:121:	
UCCGUAGGA	G GCGGGAUAUC UCC	23
	ATION FOR SEQ ID NO:122: SEQUENCE CHARACTERISTICS: (A) LENGTH: 23 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:122:	
UCCGUGCCG	G CGGGAUAUCG GCG	23
(2)INFORMA	ATION FOR SEQ ID NO:123: SEQUENCE CHARACTERISTICS: (A) LENGTH: 21 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:123:	

UCCGACUCGC GGGAUAACGA G	21
(2) INFORMATION FOR SEQ ID NO:124: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 19 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:124:	
UUCGAACAAG CGGAACAUG	19
(2) INFORMATION FOR SEQ ID NO:125: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 29 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:125:	
UCCGUUCUUG AUCAUCGGGA CAAAUGAUC	29
(2)INFORMATION FOR SEQ ID NO:126: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 24 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:126:	
CCGUUACUCC UCGGGAUAAA GGAG	24
(2) INFORMATION FOR SEQ ID NO:127: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 22 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:127:	
CCGACGCCAA CGGGAGAAUG GC	22
(2) INFORMATION FOR SEQ ID NO:128: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:128:	
CCGUUAUCAU AGAUCGGGAC AAAUCUAUGA	30
(2) INFORMATION FOR SEQ ID NO:129: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 25 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:129:	
CCCAAGCCAA AGGGGAUAAU GCGGC	25
(2) INFORMATION FOR SEQ ID NO:130: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 22 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:130:	
CCCAAGCGCA GGGGAGAAGC GC	22
(2) INFORMATION FOR SEQ ID NO:131: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 24 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:131:	
CCUAGGUGAU AAAAGGGAGA ACAC	24
(2) INFORMATION FOR SEQ ID NO:132: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 93 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:132:	
GGGAGCCAAC ACCACAAUUC CAAUCAAGNN NNNNNNNNN NNNNNNNNNN NNNNNNNNN NNNNNN	50 93
(2)INFORMATION FOR SEQ ID NO:133: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides	

	(C) S	YPE: nucleic acid TTRANDEDNESS: single OPOLOGY: linear	
(xi)	SEQUEN	ICE DESCRIPTION: SEQ ID NO:133:	
UCAAGAAUAU	AUCCG	AACUC GACGGGAUAA CGAGAAGAUC U	41
(i)	SEQUEN (A) L (B) T (C) S	OR SEQ ID NO:134: ICE CHARACTERISTICS: LENGTH: 41 nucleotides LYPE: nucleic acid LYRANDEDNESS: single LOPOLOGY: linear	
(xi)	SEQUEN	CE DESCRIPTION: SEQ ID NO:134:	
UCAAGAAUAU	AUCCG	AACUC GACGGGAUAA CGAGAAGAGC U	41
(i)	SEQUEN (A) L (B) T (C) S	OR SEQ ID NO:135: ICE CHARACTERISTICS: IENGTH: 43 nucleotides IYPE: nucleic acid ITRANDEDNESS: single IOPOLOGY: linear	
(xi)	SEQUEN	CE DESCRIPTION: SEQ ID NO:135:	
UCAAGCAAAU	AUAUC	CGAAC UCGACGGGAU AACGAGAAGA GCU	43
(i)	SEQUEN (A) L (B) T (C) S	OR SEQ ID NO:136: CE CHARACTERISTICS: ENGTH: 41 nucleotides TYPE: nucleic acid TRANDEDNESS: single OPOLOGY: linear	
(xi)	SEQUEN	CE DESCRIPTION: SEQ ID NO:136:	
UCAAGAACAU	AUCCG	AACUC GACGGGAUAA CGAGAAGAGC U	41
(i) ;	SEQUEN (A) L (B) T (C) S	OR SEQ ID NO:137: CE CHARACTERISTICS: ENGTH: 41 nucleotides YPE: nucleic acid TRANDEDNESS: single OPOLOGY: linear	
(xi)	SEQUEN	CE DESCRIPTION: SEQ ID NO:137:	
UCAAGAAUAU	AUCCG	AACUC GACGGGGUAA CGAGAAGAGC U	41

(2) I		ATION FOR SEQ ID NO:138: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:138:	
UCAA	GAAUA'	U AUCCGAACUC GACGGGAUAA CGAGAAGAGC U	41
(2)		MATION FOR SEQ ID NO:139: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:139:	
UCAA	GAAUA	U AUCCGAACUC GACGGGAUAA CGAGAACACC U	41
(2)		RMATION FOR SEQ ID NO:140: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:140:	
UCAA	GAAUA.	A AUCCGAACUC GACGGGAUAA CGAGAAGAGC U	41
(2)		RMATION FOR SEQ ID NO:141: SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:141:	
UCAA	GGUAU.	A UAUCCGAACU CGACGGGAUA ACGAGAAGAG CU	42
(2)		RMATION FOR SEQ ID NO:142: SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEO ID NO:142.	

UCAAGAAUAU AUCCGAACUC GACGGGAUAA CGAGAAAGAG CU	42
(2) INFORMATION FOR SEQ ID NO:143: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:143:	
UCAAGAAUAU ACUCCGAACU CGACGGGAUA ACGAGAAGAG CU	42
 (2) INFORMATION FOR SEQ ID NO:144: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 38 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:144:	
UCAAGUACCU AGGUGAUAAA AGGGAGAACA CGUGAACU	38
(2) INFORMATION FOR SEQ ID NO:145: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 39 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:145:	
UCAAGUACCU AGGUGAUAAA AGGGAGAACA CGUGUGACU	39
(2) INFORMATION FOR SEQ ID NO:146: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 39 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:146:	
UCAAGUACCU AGGUGAUAAA AGGGAGAACA CAUGAGACU	39
(2) INFORMATION FOR SEQ ID NO:147: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 39 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:147:	
UCAAGUACCU AGGUGAUAAA AGGGAGAACA CGUGAGACU	39
(2) INFORMATION FOR SEQ ID NO:148: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:148:	
UCAAGUUAAA CAUAAUCCGU GAUCUUUCAC ACGGGAGAUC U	41
(2) INFORMATION FOR SEQ ID NO:149: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:149:	
UCAAGUUAAA CAUAAUCCGU GAUCUUUCAC ACGGGAGACC U	41
(2) INFORMATION FOR SEQ ID NO:150: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:150:	
UCAAGUUAAA CAUAAUCCGU GAUCUUUCAC ACGGAAGAAC U	41
(2) INFORMATION FOR SEQ ID NO:151: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:151:	
UCAAGUAGAU AUCCGAAGCU CAACGGGAUA AUGAGCAUCU	40
(2) INFORMATION FOR SEQ ID NO:152: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides	

<pre>(C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:152:	
UCAAGCAAAU AUAUCCGAAG CUCAACGGGA UAAUGAGCAU CU	42
(2) INFORMATION FOR SEQ ID NO:153: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:153:	
UCAAGUAGAU AUCCGAAGCU CAACGGGAUA AUGAGCGUCU	40
(2) INFORMATION FOR SEQ ID NO:154: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:154:	
UCAAGAAGAU AUCCGAAGCU CAACGGGAUA AUGAGCAUCU	40
(2) INFORMATION FOR SEQ ID NO:155: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:155:	
UCAAGUAAUA UAUCCGAAGC UCAUCGGGAU AAUGAGCAUC U	41
(2) INFORMATION FOR SEQ ID NO:156: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:156:	
UCAAGAUAGU AUCCGUUCUU GAUCAUCGGG ACAAAUGAUC U	41
(2) INFORMATION FOR SEQ ID NO:157:	

	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:157:	
UCAA	GACAGI	U AUCCGUUCUU GAUCAUCGGG ACAAAUGAUC U	41
(2)	INFORI (i)	MATION FOR SEQ ID NO:158: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:158:	
UCAA	GUUAG	U AUCCGUUCUU GAUCAUCGGG ACAAAUGAUC U	41
(2)	INFOR	MATION FOR SEQ ID NO:159: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:159:	
UCA	AGAUAG	U AUCCAUUCUU GAUCAUCGGG ACAAAUGAUC U	41
(2)	INFOR	RMATION FOR SEQ ID NO:160: SEQUENCE CHARACTERISTICS: (A) LENGTH: 39 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:160:	
UCA	AGUGA <i>F</i>	AC UUAACCGUUA UCAUAGAUCG GGACAAACU	39
(2)	INFOI	RMATION FOR SEQ ID NO:161: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(vi) SEQUENCE DESCRIPTION: SEQ ID NO:161:	

UCAA	AGUGAAA CUUAACCGUU AUCAUAGAUC GGGACAAAUC U	41
(2)	<pre>INFORMATION FOR SEQ ID NO:162: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:162:	
UCAZ	AGUGAAC UUAACCGUUA UCAUAGAUCG GGACAAAUCU	40
(2)	<pre>INFORMATION FOR SEQ ID NO:163: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:163:	
UCA	AAGUGAAA CUUAACCGUU AUCAUAGAUC GUGACAAAUC U	41
(2)	INFORMATION FOR SEQ ID NO:164: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:164:	
UCA	AAGAUAUG AUCCGUAAGA GGACGGGAUA AACCUCAACU	40
(2)) INFORMATION FOR SEQ ID NO:165: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:165:	
UCF	AAGAUAUG UAUCCGUAAG AGGACGGGAU AAACCUCGAC U	41
(2)) INFORMATION FOR SEQ ID NO:166: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:166:	
UCAAGGGGUA UUGAGAUAUU CCGAUGUCCU AUGCUGUACC U	41
(2) INFORMATION FOR SEQ ID NO:167: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 34 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:167:	
UCAAGGUUUC CGAAAGAAAU CGGGAAAACU GUCU	34
(2) INFORMATION FOR SEQ ID NO:168: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:168:	
UCAAGUAAAU GAGUCCGUAG GAGGCGGGAU AUCUCCAACU	40
(2) INFORMATION FOR SEQ ID NO:169: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:169:	
UCAAGUCAUA UUACCGUUAC UCCUCGGGAU AAAGGAGAUC U	41
(2) INFORMATION FOR SEQ ID NO:170: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 38 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:170:	
UCAAGAAUAA UCCGACUCGC GGGAUAACGA GAAGAGCU	38
(2) INFORMATION FOR SEQ ID NO:171: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid	

(C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:171:	
UCAAGGAUAA GUGCAGGAAU AUCAAUGAGG CAUCCAAACC U	41
(2) INFORMATION FOR SEQ ID NO:172: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:172:	
UCAAGAUGAG AUAAAGUACC AAUCGAACCU AUCUAAUACG ACU	43
(2) INFORMATION FOR SEQ ID NO:173: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:173:	
UCAAGACCCA UUUAUUGCUA CAAUAAUCCU UGACCUCAUC U	41
(2) INFORMATION FOR SEQ ID NO:174: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:174:	
UCAAGUAAUA CGAUAUACUA AUGAAGCCUA AUCUCGAUCU	40
(2) INFORMATION FOR SEQ ID NO:175: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:175:	
UCAAGAACGA UCAUCGAUAU CUCUUCCGAU CCGUUUGUCU	40
(2) INFORMATION FOR SEQ ID NO:176:	

	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 39 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:176:	
UCAA	.GACGAU	J AGAACAAUCA UCUCCUACGA CGAUGCACU	39
(2)	INFORM	MATION FOR SEQ ID NO:177: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:177:	
UCAA	GAUAAU	J CAUGCAGGAU CAUUGAUCUC UUGUGCUAUC U	41
(2)	INFORM	MATION FOR SEQ ID NO:178: SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:178:	
UCAA	AGAGUG	A AGAUGUAAGU GCUUAUCUCU UGGGACACAU CU	42
(2)	INFORM	MATION FOR SEQ ID NO:179: SEQUENCE CHARACTERISTICS: (A) LENGTH: 38 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:179:	
UCA	AGCAAC	A UUCUAUCAAG UAAAGUCACA UGAUAUCU	38
(2)	INFOR	MATION FOR SEQ ID NO:180: SEQUENCE CHARACTERISTICS: (A) LENGTH: 39 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEO ID NO:180:	

UCAAGGAUGU AUUACGAUUA CUCUAUACUG CCUGCAUCU	39
(2) INFORMATION FOR SEQ ID NO:181: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:181:	
UCAAGGGAUG AAAAUAGUUC CUAGUCUCAU UACGACCACU	40
(2) INFORMATION FOR SEQ ID NO:182: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:182:	
UCAAGUAGUG UGAUAAUGAA UGGGUUUAUC GUAUGUGGCC U	41
(2) INFORMATION FOR SEQ ID NO:183: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:183:	
UCAAGAAUUC CGUUUUCAGU CGGGAAAAAC UGAACAAUCU	40
(2) INFORMATION FOR SEQ ID NO:184: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 90 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:184:	
GGGAGCAUCA GACUUUUAAU CUGACAAUCA AGNNTTCCGN NNNNNNNCGG	50
GAAAANNNNC UAUGAAAGAA UUUUAUAUCU CUAUUGAAAC	90
(2) INFORMATION FOR SEQ ID NO:185: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid	

		(D) TOPOLOGY: linear	₽		
	(xi)	SEQUENCE DESCRIPTION: SEC	Q ID	NO:185:	
TCAA	AGTATT(C CGAAGCTCAA CGGGAAAATG AG	GCTA	•	35
(2)		MATION FOR SEQ ID NO:186: SEQUENCE CHARACTERISTICS (A) LENGTH: 35 nucleotic (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	des		
	(xi)	SEQUENCE DESCRIPTION: SEC	Q ID	NO:186:	
TCA	AGTATT(C CGAAGCTTGA CGGGAAAATA AG	GCTA		35
(2)		MATION FOR SEQ ID NO:187: SEQUENCE CHARACTERISTICS (A) LENGTH: 35 nucleotic (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	des		
	(xi)	SEQUENCE DESCRIPTION: SEQ	QID	NO:187:	
TCAF	AGGATTO	C CGAAGTTCAA CGGGAAAATG AA	ACTA		35
(2)		MATION FOR SEQ ID NO:188: SEQUENCE CHARACTERISTICS (A) LENGTH: 35 nucleotic (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	des		
	(xi)	SEQUENCE DESCRIPTION: SEC	Q ID	NO:188:	
TCAA	AGAGTTO	C CGAAGGTTAA CGGGAAAATG AG	CCTA		35
(2)		MATION FOR SEQ ID NO:189: SEQUENCE CHARACTERISTICS (A) LENGTH: 35 nucleotic (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	des		
	(xi)	SEQUENCE DESCRIPTION: SEQ	Q ID	NO:189:	
TCAA	AGGATTO	CGAAGTGTAA CGGGAAAATG CA	ACTA		35
(2)	INFORM	MATION FOR SEQ ID NO:190:			

	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:190:	
TCAA	GTATT	C CGAGGTGCCA CGGGAAAAGG CACTA	35
(2)	INFOR	MATION FOR SEQ ID NO:191: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:191:	
TCA	AGTATT	C CGAAGGGTAA CGGGAAAATG CCCTA	35
(2)	INFOR (i)	MATION FOR SEQ ID NO:192: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:192:	
TCA	AGTATT	C CGAAGTACAA CGGGAAAACG TACTA	35
(2)	INFOF	RMATION FOR SEQ ID NO:193: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:193:	
TCA	AGGAT'	IC CGAAGTGTAA CGGGAAAACG CACTA	35
(2)	INFOI (i)	RMATION FOR SEQ ID NO:194: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(32)) SEQUENCE DESCRIPTION: SEQ ID NO:194:	

TCAAGGATTC CGAAGCATAA CGGGAAAACA TGCTA

SEQUENCE CHARACTERISTICS:

(2) INFORMATION FOR SEQ ID NO:195:

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(xi) SEQUENCE DESCRIPTION: SEQ ID NO:199:	
TCAAGTATTC CGAAGGTGAA CGGGAAAATA CACTA	35
(2) INFORMATION FOR SEQ ID NO:200: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:200:	
TCAAGAGTTC CGAAAGTCGA CGGGAAAATA GACTA	35
(2) INFORMATION FOR SEQ ID NO:201: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:201:	
TCAAGATTTC CGAGAGACAA CGGGAAAAGA GTCTA	35
(2) INFORMATION FOR SEQ ID NO:202: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:202:	
TCAAGATTTC CGATGTGCAA CGGGAAAATG CACTA	35
(2) INFORMATION FOR SEQ ID NO:203: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:203:	
TCAAGTATTC CGACGTAACA CGGGAAAAGT TACTA	35
(2) INFORMATION FOR SEQ ID NO:204: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides	

		(D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:204:	
TCAA	AGATTT(C CGACGCACAA CGGGAAAATG TGCTA	35
(2)		MATION FOR SEQ ID NO:205: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:205:	
TCAA	AGTATT(C CGATGTCTAA CGGGAAAATA GGCTA	35
(2)		MATION FOR SEQ ID NO:206: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:206:	
TCAA	AGGGTTC	C CGATGCCCAA CGGGAAAAGG GGCTA	35
(2)		MATION FOR SEQ ID NO:207: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:207:	
TCAA	AGAATTO	C CGACGACGAA CGGGAAAAAC GTCTA	35
(2)		MATION FOR SEQ ID NO:208: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:208:	
TCAA	GTATTC	C CGATGTACAA CGGGAAAAAG TACTA	35
(2)	INFORM	MATION FOR SEQ ID NO:209:	

	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:209:	
TCC	AGCGTT(C CGTAAGTGGA CGGGAAAAAC CACTA	35
(2)		MATION FOR SEQ ID NO:210: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:210:	
TCA	AGAGTT(C CGTAAGGCCA CGGGAAAAAG GTCTA	35
(2)		MATION FOR SEQ ID NO:211: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:211:	
TCA	AGGATT(C CGAAAGGTAA CGGGAAAAAT GCCTA	35
(2)		MATION FOR SEQ ID NO:212: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:212:	
TCA	AGAATT(C CGCTAGCCCA CGGGAAAAGG GCCTA	35
(2)		MATION FOR SEQ ID NO:213: SEQUENCE CHARACTERISTICS: (A) LENGTH: 34 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEOUENCE DESCRIPTION: SEO ID NO:213:	

TCAAGAATTC GTTAGTGTAC GGGAAAAAAC ACTA	34
(2) INFORMATION FOR SEQ ID NO:214: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:214:	
TCAAGCGTTC CGATGGCTAA CGGGAAAAAT AGCTA	35
(2) INFORMATION FOR SEQ ID NO:215: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:215:	
TCAAGGATTC CGTTTGTGCA CGGGAAAAGG CACTA	35
(2) INFORMATION FOR SEQ ID NO:216: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 34 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:216:	
TCAAGAATCC GTTTGCACAC GGGAAAACGT GCTA	34
(2) INFORMATION FOR SEQ ID NO:217: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:217:	
TCAGGAATCC GAGAAGCTAC GGGAAAAAGC GACTA	35
(2) INFORMATION FOR SEQ ID NO:218: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:218:	
TCAAGATTTC CGAGGTCCGA CGGGAAAATG GTCTA	35
(2) INFORMATION FOR SEQ ID NO:219: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:219:	
TCAAGTATTC CGAAGGAAAA CGGGAAAACC ACCTA	35
 (2) INFORMATION FOR SEQ ID NO:220: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:220:	
TCAAGTGTTC CGAAGGAAAA CGGGAAAACC ACCTA	35
 (2) INFORMATION FOR SEQ ID NO:221: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:221:	
TCAAGAATTC CGTAAGGGGT CGGGAAAAAC CCTAU	35
(2) INFORMATION FOR SEQ ID NO:222: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:222:	
TCAAGGATTC CGTATGTCCT CGGGAAAAAG GACTA	35
(2) INFORMATION FOR SEQ ID NO:223:(i) SEQUENCE CHARACTERISTICS:(A) LENGTH: 35 nucleotides(B) TYPE: nucleic acid	

	(C) (D)	STRANDEDNESS: single TOPOLOGY: linear	
(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:223:	
TCAAGAGTT	'C CGA	AAGGTAA CGGGAAAATT ACCTA	35
(2) INFOR (i)	SEQU (A) (B)	ON FOR SEQ ID NO:224: JENCE CHARACTERISTICS: LENGTH: 35 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
(xi)	SEQU	JENCE DESCRIPTION: SEQ ID NO:224:	
TCAAGTATI	rc cg <i>i</i>	ATAGTCAA CGGGAAAAGC GACTA	35
(2) INFOF (i)	SEQU (A) (B)	ON FOR SEQ ID NO:225: JENCE CHARACTERISTICS: LENGTH: 35 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
(xi)) SEQU	JENCE DESCRIPTION: SEQ ID NO:225:	
TCAAGTAT	rc cg2	AGGTGTTA CGGGAAAACA CGCTA	35
(2) INFO	SEQ! (A) (B) (C)	ON FOR SEQ ID NO:226: UENCE CHARACTERISTICS: LENGTH: 35 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
(xi) SEQ	UENCE DESCRIPTION: SEQ ID NO:226:	
TCAAGAAT	TC CG	TATGTGAT CGGGAAAAAC CACTA	35
(2) INFO (i)	SEQ (A) (B) (C)	ON FOR SEQ ID NO:227: UENCE CHARACTERISTICS: LENGTH: 35 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
(xi	.) SEQ	QUENCE DESCRIPTION: SEQ ID NO:227:	
TCAAGGAT	TC CG	SATGTACAA CGGGAAAACT GTCTA	35
(2) INFO	RMATI	ON FOR SEQ ID NO:228:	

	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 36 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:228:	
TCAA	GATTT	C CGAAGGATAA CGGGAAAAAC CGACTA	36
(2)		MATION FOR SEQ ID NO:229: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:229:	
TCAA	GAATT	C CGAAGCGTAA CGGGAAAACA TACTA	35
(2)		MATION FOR SEQ ID NO:230: SEQUENCE CHARACTERISTICS: (A) LENGTH: 93 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:230:	
		C ACCACAAUUC CAAUCAAGNN NNNNNNNNNN NNNNNNNNNN N AUCUAUGAAA GAAUUUUAUA UCUCUAUUGA AAC	50 93
(2)		MATION FOR SEQ ID NO:231: SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:231:	
CAGA	GAUAU(C ACUUCUGUUC ACCAUCAGGG GACUAUGAAA GA	42
(2)	INFORI	MATION FOR SEQ ID NO:232: SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEO ID NO:232:	

AUAUAAGUAA UGGAUGCGCA CCAUCAGGGC GUAUCUAUGA AAGA	44
(2) INFORMATION FOR SEQ ID NO:233: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:233:	
GGAAUAAGUG CUUUCGUCGA UCACCAUCAG GGAUCUAUGA AAGA	44
(2) INFORMATION FOR SEQ ID NO:234: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:234:	
UGGAGUAUAA ACCUUUAUGG UCACCAUCAG GGAUCUAUGA AAGA	44
(2) INFORMATION FOR SEQ ID NO:235: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:235:	
UCAGAGAUAG CUCAUAGGAC ACCAUCAGGG UCUAUGAAAG A	41
(2) INFORMATION FOR SEQ ID NO:236: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:236:	
CUGAGAUAUA UGACAGAGUC CACCAUCAGG GAUCUAUGAA AGA	43
(2) INFORMATION FOR SEQ ID NO:237: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:237:	
GGAUUAAUAU GUCUGCAUGA UCACCAUCAG GGAUCUAUGA AAGA 4	<u> 4</u>
(2) INFORMATION FOR SEQ ID NO:238: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:238:	
GGGAGAUUCU UAGUACUCAC CAUCAGGGGG CACUAUGAAA GA 4	12
(2) INFORMATION FOR SEQ ID NO:239: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:239:	
AAAUUAUCUU CGGAAUGCAC CAUCAGGGCA UGGCUAUGAA AGA 4	3
(2) INFORMATION FOR SEQ ID NO:240: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:240:	
GGGAGAUUCU UACUACUCAC CAUCAGGGGG CACUAUGAAA GA 4	2
(2) INFORMATION FOR SEQ ID NO:241: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:241:	
GGAAUACUUU CUUUCGAUGC ACCAUCAGGG CGUCUAUGAA AGA 4	.3
 (2) INFORMATION FOR SEQ ID NO:242: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid 	

(C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:242:	
UCCAAUAGAG UUAGUAGUUG CACCAUCAGG GCAUCUAUGA AAGA 4	4
(2) INFORMATION FOR SEQ ID NO:243: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:243:	
GUAUAGAUAG UUCUACUGAU CACGAUCACG GGUCUAUGAA AGA 4	3
(2) INFORMATION FOR SEQ ID NO:244: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:244:	
GGAUAUGAUC UUAUGGUAUG CACGAUCACG GCAUCUAUGA AAGA 4	4
(2) INFORMATION FOR SEQ ID NO:245: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:245:	
UUGUCUUUCA UGUAGUAAGC ACGAUCACGG CGACUAUGAA AAGA 4	4
(2) INFORMATION FOR SEQ ID NO:246: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:246:	
AGAGCUAGUU CUUGUUUAAG ACACGAUCAC GGUCUAUGAA AGA 4	.3
(2) INFORMATION FOR SEQ ID NO:247:	

	(1)	(A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:247:	
ACG	AGAUUU2	A UUUAGAUGUC ACGAUCACGG GCACCUAUGA AAGA	44
(2)		MATION FOR SEQ ID NO:248: SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:248:	
UAAU	JUGAUA	C UUGCAGAGGA UCACCCUGCU CGAUCUAUGA AAGA	44
(2)	(i)	MATION FOR SEQ ID NO:249: SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:249:	
AGA	GGACUC	A UUAGAGGAUC ACCCUAGUGC GGUCUAUGAA AGA	43
(2)		MATION FOR SEQ ID NO:250: SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:250:	
GAGA	AUAUCAU	U AAUUCAUUGU UGAGCAUCAG CCAUCUAUGA AAGA	44
(2)		MATION FOR SEQ ID NO:251: SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:251:	

UGUAUAGAGC AUCAGCCUAU ACAUUGCGUG GCACUAUGAA AGA	43
(2) INFORMATION FOR SEQ ID NO:252: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:252:	
GAGAUCAAUA GUAAGGACCA UCAGGCCUGG CUAUGAAAGA	40
(2) INFORMATION FOR SEQ ID NO:253: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:253:	
UGAGAUAUCU CUAUAGUGUG GAGCAUCAGC CCAUCUAUGA AAGA	44
(2) INFORMATION FOR SEQ ID NO:254: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:254:	
AUGAGAUAGA UCAUGCUCAG GAUCACCGGG CUAUGAAAGA	40
(2) INFORMATION FOR SEQ ID NO:255: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:255:	
AGAGUAUUCU ACAUGAUUUG CAUCAUCUGG GCGUAUGAAA GA	42
(2) INFORMATION FOR SEQ ID NO:256: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:256:	
GGAUUAAUUC GUCUUUUGAG UGACGAUCAC GCACUAUGAA AGA 4	3
(2) INFORMATION FOR SEQ ID NO:257: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:257:	
AUUGCGUAAU GUUACCAUCA GGAACACCGC GUAUCUAUGA AAGA 4	4
(2) INFORMATION FOR SEQ ID NO:258: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:258:	
GAGUAAGAUA GCAUCAGCAU CUUGUUCCCG CCAUCUAUGA AAGA 4	4
(2) INFORMATION FOR SEQ ID NO:259: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:259:	
GCGUUAAUUU GGAUUAUAGA UCACCAACAG GGACCUAUGA AAGA 4	4
(2) INFORMATION FOR SEQ ID NO:260: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:260:	
GAGAUGUUUA GUACUUCAGC CACCAACAGG GGUCUAUGAA AGA 4	3
(2) INFORMATION FOR SEQ ID NO:261: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid	

			STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:261:	
GUCA	UACUCI	יטטי	UGUNNUG CACCAACAGG GCAUCUAUGA AAGA	44
(2)		SEQU: (A) (B) (C)	N FOR SEQ ID NO:262: ENCE CHARACTERISTICS: LENGTH: 43 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:262:	
AUAGI	JAGAGO	AAC	ACCCUAC UAAGUCCCCG CCACUAUGAA AGA	43
(2)		SEQUI (A) (B) (C)	N FOR SEQ ID NO:263: ENCE CHARACTERISTICS: LENGTH: 43 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:263:	
CAAC	AGAGAU	J GAU	AUCAGGA UGAGGACCAC CCAUCUAUGA GGA	43
(2)		SEQUI (A) (B) (C)	N FOR SEQ ID NO:264: ENCE CHARACTERISTICS: LENGTH: 44 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQUI	ENCE DESCRIPTION: SEQ ID NO:264:	
AGAU	JUAAUA	J CUC	CUCUUGA UGAGCACCAG CCAUCUAUGA AAGA	44
(2)	INFORM (i)	SEQUI (A) (B) (C)	N FOR SEQ ID NO:265: ENCE CHARACTERISTICS: LENGTH: 44 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQUI	ENCE DESCRIPTION: SEQ ID NO:265:	
UAGA	GAUAUG	G AGAI	UAGUUGC ACCACCAGGG UGAUCUAUGA AAGA	44
(2)	INFORM	IATIOI	N FOR SEQ ID NO:266:	

	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:266:	
AUA	JAGGAG	A UAUUGUAGUC ACGAGCACGG GCUAUGAAAG A	41
(2)		MATION FOR SEQ ID NO:267: SEQUENCE CHARACTERISTICS: (A) LENGTH: 39 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:267:	
UGC	GUCACU	J AUUGGAACUC UGGGUGGCAC UAUGAAAGA	39
(2)		MATION FOR SEQ ID NO:268: SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:268:	
CUG	GAGGAG	A UUGUGUAAUC GCUUGAACUC CACUAUGAAA GA	42
(2)		MATION FOR SEQ ID NO:269: SEQUENCE CHARACTERISTICS: (A) LENGTH: 38 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:269:	
TCA	AGATGA	A GATACAGCTC CAGATGCTGG ACACATCT	38
(2)		MATION FOR SEQ ID NO:270: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEC ID NO:270:	

TCAAGGGAT	G AAGATACAGC TCTAGATGCT GGACACATCT	40
	MATION FOR SEQ ID NO:271: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:271:	
TCAAGGAGA	T GAAGATACAG CTCTAGATGC TGGACACATC T	41
	MATION FOR SEQ ID NO:272: SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:272:	
TCAAGCGAG.	A TGAAGATACA GCTCCAGATG CTGGACACAT CT	42
	MATION FOR SEQ ID NO:273: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:273:	
TCAAGGAGA	T GAAGATACAG CTCTGGATGC TGGACACATC T	41
	MATION FOR SEQ ID NO:274: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:274:	
TCAAGCTTG	A GATACAGATT TCTGATTCTG GCTCGCTATC T	41
	MATION FOR SEQ ID NO:275: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:275:	
TCAAGATGGA CTCGGTATCA AACGACCTTG AGACACATCT	40
(2) INFORMATION FOR SEQ ID NO:276: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:276:	
TCAAGATGGA CTCGGTATCA AACGGCCTTG AGACACATCT	40
(2) INFORMATION FOR SEQ ID NO:277: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:277:	
TCAAGATGGC TGGAGATACA AACTATTTGG CTCGCCATCT	40
(2) INFORMATION FOR SEQ ID NO:278: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:278:	
TCAAGATGGC TGGAGATACA AAACTATTTG GCTCGCCATC T	41
(2) INFORMATION FOR SEQ ID NO:279: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:279:	
TCAAGATGGC TGGAGATACA AACTGTTTGG CTCGCCATCT	40
(2) INFORMATION FOR SEQ ID NO:280: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides	

(C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:280:	
TCAAGAAGCC TTGAGATACA CTATATAGTG GACCGGCATC T 4	.1
(2) INFORMATION FOR SEQ ID NO:281: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:281:	
TCAAGGGTGC ATTGAGAAAC ACGTTTGTGG ACTCTGTATC T 4	1
(2) INFORMATION FOR SEQ ID NO:282: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:282:	
TCAAGAGTGC ATTGAGAAAC ACGTTTGTGG ACTCGGTGAT CT 4	2
(2) INFORMATION FOR SEQ ID NO:283: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:283:	
TCAAGAGCGA AGATACAGAA GACAATACTG GACACGCATC T 4	1
(2) INFORMATION FOR SEQ ID NO:284: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:284:	
TCAAGAGCGA AGATACAGAA GACAATACTG GACACACTAT CT 4	12
(2) INFORMATION FOR SEQ ID NO:285:	

	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:285:	
TCAA	.GGGGA	C TCTTTCAAT GATCCTTTAA CCAGTCGATC T	41
(2)	INFOR	RMATION FOR SEQ ID NO:286: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)) SEQUENCE DESCRIPTION: SEQ ID NO:286:	
TCA	AGAAGA	AG ACATTCGAAT GATCCCTTAA CCGGTTGATC T	41
(2)	(i)	RMATION FOR SEQ ID NO:287: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear) SEQUENCE DESCRIPTION: SEQ ID NO:287:	
TСА		AG ACACTCGAAT GATCCCTTAA CCGGTTGATC T	41
(2)		RMATION FOR SEQ ID NO:288:	
	(xi	i) SEQUENCE DESCRIPTION: SEQ ID NO:288:	
TCA	AAGCAC	CGC ATGACACAGA TAAACTGGAC TACGTGCATC T	41
(2)) INFO (i)	ORMATION FOR SEQ ID NO:289:) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi	i) SEQUENCE DESCRIPTION: SEQ ID NO:289:	

TCAAGACACC TTGAGGTACT CTTAACAGGC TCGGTGATCT	40
(2) INFORMATION FOR SEQ ID NO:290: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:290:	
TCAAGTTGAG ATACCTGAAC TTGGGACTCC TTGGTTGATC T	41
 (2) INFORMATION FOR SEQ ID NO:291: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:291:	
TCAAGGGATC TTGAGATACA CACGAATGAG TGGACTCGAT CT	42
(2) INFORMATION FOR SEQ ID NO:292: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:292:	
TCAAGATCGA ATTGAGAAAC ACTAACTGGC CTCTTTGATC T	41
(2) INFORMATION FOR SEQ ID NO:293: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:293:	
TCAAGGCAGC AGATACAGGA TATACTGGAC ACTGCCGATC T	41
(2) INFORMATION FOR SEQ ID NO:294: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:294:	
TCAAGGGATA TAACGAGTGA TCCAGGTAAC TCTGTTGATC T	41
(2) INFORMATION FOR SEQ ID NO:295: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:295:	
TCAAGGTGGA TTTGAGATAC ACGGAAGTGG ACTCTCCATC T	41
(2) INFORMATION FOR SEQ ID NO:296: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:296:	
TCAAGAGATA ATACAATGAT CCTGCTCACT ACAGTTGATC T	41
(2) INFORMATION FOR SEQ ID NO:297: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:297:	
TCAAGGGAGG TATACAGAAT GATCCGGTTG CTCGTTGATC T	41
(2) INFORMATION FOR SEQ ID NO:298: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:298:	
TCAAGAGAAG AATAGTTGAA ACAGATCAAA CCTGGACATC T	41
(2) INFORMATION FOR SEQ ID NO: 299:(i) SEQUENCE CHARACTERISTICS:(A) LENGTH: 46 nucleotides(B) TYPE: nucleic acid	

		(C) STRANDEDNE (D) TOPOLOGY:		
	(xi)	SEQUENCE DESCRI	PTION: SEQ ID NO:299:	
AAGG	GAUCUI	GAGAUACACA CGA	AUGAGUG GACUCGAUCU AUGAAA	46
(2)		ATION FOR SEQ I SEQUENCE CHARAC (A) LENGTH: 42 (B) TYPE: nucl (C) STRANDEDNE (D) TOPOLOGY:	TERISTICS: nucleotides eic acid SS: single	
	(xi)	SEQUENCE DESCRI	PTION: SEQ ID NO:300:	
AGGU	GGAUUT	GAGAUACACG GAA	GUGGACU CUCCAUCUAU GA	42
(2)		ATION FOR SEQ I SEQUENCE CHARAC (A) LENGTH: 42 (B) TYPE: nucl (C) STRANDEDNE (D) TOPOLOGY:	TERISTICS: nucleotides	
	(xi)	SEQUENCE DESCRI	PTION: SEQ ID NO:301:	
AGGG	UGCAU	GAGAAACACG UUU	GUGGACU CUGUAUCUAU GA	42
(2)		ATION FOR SEQ I SEQUENCE CHARAC (A) LENGTH: 37 (B) TYPE: nucl (C) STRANDEDNE (D) TOPOLOGY:	TERISTICS: nucleotides eic acid SS: single	
	(xi)	SEQUENCE DESCRI	PTION: SEQ ID NO:302:	
CGAC	CUUGAC	ACACAUCUAG AUG	GACUCGG UAUCAAA	37
(2)	INFORM	ATION FOR SEQ I SEQUENCE CHARAC (A) LENGTH: 41 (B) TYPE: nucl (C) STRANDEDNE (D) TOPOLOGY:	TERISTICS: nucleotides eic acid SS: single	
	(xi)	SEQUENCE DESCRI	PTION: SEQ ID NO:303:	
AGAU	CGAAUU	GAGAAACACU AAC	UGGCCUC UUUGAUCUAU G	41
(2)	INFORM	ATION FOR SEQ I	D NO:304:	

	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:304:	
CAA	UCAAGU	U GAGAUACCUG AACUUGGGAC UCCUUGGUUG AUC	43
(2)		MATION FOR SEQ ID NO:305: SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:305:	
AAG	AUGGCU(G GAGAUACAAA ACUAUUUGGC UCGCCAUCUA UGA	43
(2)		MATION FOR SEQ ID NO:306: SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:306:	
AA	GAAGCCI	UU GAGAUACACU AUAUAGUGGA CCGGCAUCUA UGA	43
(2)		MATION FOR SEQ ID NO:307: SEQUENCE CHARACTERISTICS: (A) LENGTH: 47 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:307:	
AAU	CAAGCUI	U GAGAUACAGA UUUCUGAUUC UGGCUCGCUA UCUAUGA	47
(2)		MATION FOR SEQ ID NO:308: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(vi)	CENTENCE DESCRIPTION: SEC ID NO.308.	

AAGACACCUU GAGGUACUCU UAACAGGCUC GGUGAUCUAU G	41
(2) INFORMATION FOR SEQ ID NO:309: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 45 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:309:	
UCAAGGAGAU GAAGAUACAG CUCUAGAUGC UGGACACAUC UAUGA	45
(2) INFORMATION FOR SEQ ID NO:310: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 45 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:310:	
AAUCAAGAGC GAAGAUACAG AAGACAAUAC UGGACACGCA UCUAU	45
(2) INFORMATION FOR SEQ ID NO:311: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:311:	
AAUCAAGGCA GCAGAUACAG GAUAUACUGG ACACUGCCGA UC	42
(2) INFORMATION FOR SEQ ID NO:312: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:312:	
GAGAAGAAUA GUUGAAACAG AUCAAACCUG GACAUCUAUG AAA	43
(2) INFORMATION FOR SEQ ID NO:313: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:313:	
AUCAAGCACG CAUGACACAG AUAAACUGGA CUACGUGCAU C	41
(2) INFORMATION FOR SEQ ID NO:314: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 67 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:314:	
CAAUCAAGAG AUAAUACAAU GAUCCUGCUC ACUACAGUUG AUCUAUGAAA GAAUUUUAUA UCUCUAU	50 67
(2) INFORMATION FOR SEQ ID NO:315: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 64 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:315:	
UCAAGAAGAG ACAUUCGAAU GAUCCCUUAA CCGGUUGAUC UAUGAAAGAA UUUUAUAUCU CUAU	50 64
(2) INFORMATION FOR SEQ ID NO:316: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 64 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:316:	
UCAAGGGGAC UCUUUUCAAU GAUCCUUUAA CCAGUCGAUC UAUGAAAGAA UUUUAUAUCU CUAU	50 64
(2) INFORMATION FOR SEQ ID NO:317: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 64 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:317:	
UCAAGGGAGG UAUACAGAAU GAUCCGGUUG CUCGUUGAUC UAUGAAAGAA	50 64

(2) INFORMATION FOR SEQ ID NO:318: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 66 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:318:	
AAUCAAGGGA UAUAACGAGU GAUCCAGGUA ACUCUGUUGA UCUAUGAAAG AAUUUUAUAU CUCUAU 66	50 66
(2) INFORMATION FOR SEQ ID NO:319: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 37 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:319:	
GGAUCUUGAG AUACACACGA AUGAGUGGAC UCGAUCU	37
(2) INFORMATION FOR SEQ ID NO:320: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:320:	
CAAUCAAGUU GAGAUACCUG AACUUGGGAC UCCUUGGUUG	40
(2) INFORMATION FOR SEQ ID NO:321: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 37 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:321:	
GGGUGCAUUG AGAAACACGU UUGUGGACUC UGUAUCU	37
(2) INFORMATION FOR SEQ ID NO:322: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 29 nucleotides (B) TYPE: nucleic acid	

(C) STRANDEDNESS: Single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:322:	
ACCUUGAGAC ACAUCUAGAU GGACUCGGU	29
(2) INFORMATION FOR SEQ ID NO:323: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 38 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:323:	
AGAUCGAAUU GAGAAACACU AACUGGCCUC UUUGAUCU	38
(2) INFORMATION FOR SEQ ID NO:324: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 34 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:324:	
AGCUUGAGAU ACAGAUUUCU GAUUCUGGCU CGCU	34
(2) INFORMATION FOR SEQ ID NO:325: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:325:	
CACCUUGAGG UACUCUUAAC AGGCUCGGUG	30
(2) INFORMATION FOR SEQ ID NO:326: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 37 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:326:	
AGAUGGCUGG AGAUACAAAC UAUUUGGCUC GCCAUCU	37
(2) INFORMATION FOR SEQ ID NO:327:	

(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 38 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(x	i) SEQUENCE DESCRIPTION: SEQ ID NO:327:	
AGAAGCC	UUG AGAUACACUA UAUAGUGGAC CGGCAUCU	38
	ORMATION FOR SEQ ID NO:328:) SEQUENCE CHARACTERISTICS: (A) LENGTH: 38 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(x	i) SEQUENCE DESCRIPTION: SEQ ID NO:328:	
AGGUGGA	UUU GAGAUACACG GAAGUGGACU CUCCAUCU	38
• •	ORMATION FOR SEQ ID NO:329:) SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(x	i) SEQUENCE DESCRIPTION: SEQ ID NO:329:	
AGAUGAA	GAU ACAGCUCUAG AUGCUGGACA CAUCU	35
	ORMATION FOR SEQ ID NO:330:) SEQUENCE CHARACTERISTICS: (A) LENGTH: 38 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(x	i) SEQUENCE DESCRIPTION: SEQ ID NO:330:	
AGAGCGA	AGA UACAGAAGAC AAUACUGGAC ACGCAUCU	38
	ORMATION FOR SEQ ID NO:331:) SEQUENCE CHARACTERISTICS: (A) LENGTH: 32 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(x	i) SEQUENCE DESCRIPTION: SEQ ID NO:331:	

GGCAGCAGAU ACAGGAUAUA CUGGACACUG CC	32
(2) INFORMATION FOR SEQ ID NO:332: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 32 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:332:	
AUAGUUGAAA CAGAUCAAAC CUGGACAUCU AU	32
(2) INFORMATION FOR SEQ ID NO:333: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 33 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:333:	
GCACGCAUGA CACAGAUAAA CUGGACUACG UGC	33
(2) INFORMATION FOR SEQ ID NO:334: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 28 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:334:	
GACGCUGACG GUACAUGGGC GCAGCGUC	28
(2) INFORMATION FOR SEQ ID NO:335: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:335:	
GGGACCCUUG AGAUACACGG CUUCGGCCGU GGACUCGGGU CUC	43
(2) INFORMATION FOR SEQ ID NO:336: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 28 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:336	
NNNGAGCCUA GCAACCUGGG CUAGGAAU	28
(2) INFORMATION FOR SEQ ID NO:337: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 27 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
 (ix) FEATURE: (A) NAME/KEY: N (B) LOCATION: 7-12 (D) OTHER INFORMATION: This symbol stands for the complimentary base for the Y's located in positions 22-27 	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:337:	
UUCCGANNNN NNACGGGANA AYYYYYY 27	
 (2) INFORMATION FOR SEQ ID NO:338: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 15 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:338:	
NNCACCAUC AGGGNN	15
 (2) INFORMATION FOR SEQ ID NO:339: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 17 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:339:	
GAGCGCAAGA CGAAUAG	17
(2) INFORMATION FOR SEQ ID NO:340: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 12 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:340:	

011110	00110000	110		
(2)		SEQUENCE (A) LENG (B) TYPE (C) STR	R SEQ ID NO:341: CHARACTERISTICS: GTH: 34 nucleotides E: nucleic acid ANDEDNESS: single OLOGY: linear	
	(ix)		E/KEY: N ATION: 6 AND 18 ER INFORMATION: This symbol stands fo	or A or
	(xi)	SEQUENCE	DESCRIPTION: SEQ ID NO:341:	
NNYF	RSNGAC	CGAANNCI	NSY RNGGAACNNU CGNN	34
(2)		SEQUENCE (A) LENG (B) TYPE (C) STREET	R SEQ ID NO:342: CHARACTERISTICS: GTH: 29 nucleotides E: nucleic acid ANDEDNESS: single OLOGY: linear	
	(ix)	(D) OTH	E/KEY: N ATION: 1-5, 16 ER INFORMATION: This symbol stands fo complimentary base for the Y's ated at positions 17, and 25-29	or
		(xi) SEQ	UENCE DESCRIPTION: SEQ ID NO:342:	
NNN	INUUGA	ANACANY	UGG ACUCYYYYY	29
		SEQUENCE (A) LENG (B) TYP: (C) STR	R SEQ ID NO:343: CHARACTERISTICS: GTH: 26 nucleotides E: nucleic acid ANDEDNESS: single OLOGY: linear	
	(ix)	FEATURE:	E/KEY: N	

LOCATION: 1-4

(B)

(D)

the complimentary base for the Y's located in positions 22-25

OTHER INFORMATION: This symbol stands for

NNNNGNNGAN ACAGCUGGAC ACYYYY	26
(2) INFORMATION FOR SEQ ID NO:344: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 33 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:344:	
UUCGAAUGAU CCCUUAACCG GUUGAUCUAU GAA	33
(2) INFORMATION FOR SEQ ID NO:345: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 51 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:345:	
UAAUAUAUCA AGAGCCUAAU AACUCGGGCU AUAAACUAAG GAAUAUCUAU G	50 51
(2) INFORMATION FOR SEQ ID NO:346: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:346:	
GAGCCUNNNN NNNNGGGCUA	20
(2) INFORMATION FOR SEQ ID NO:347: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:347:	
GAGCCUARYA ACYYGGGCUA	20
(2) INFORMATION FOR SEQ ID NO:348: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 nucleotides (B) TYPE: nucleic acid	

	(C) (D)	STRANDEDNESS: single TOPOLOGY: linear	
(xi)	SEQUI	ENCE DESCRIPTION: SEQ ID NO:348:	
GAGCCUAAUA	. ACU	CGGGCUA	20
(2) INFORM	SEQU: (A) (B) (C)	N FOR SEQ ID NO:349: ENCE CHARACTERISTICS: LENGTH: 20 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:349:	
GAGCCUAGCA	A ACC	UGGGCUA	20
(2) INFORM	SEQU (A) (B)	ON FOR SEQ ID NO:350: JENCE CHARACTERISTICS: LENGTH: 73 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
(xi)	SEQU	JENCE DESCRIPTION: SEQ ID NO:350:	
TAATACGAC' TCTATGAAA	T CAC G AA	CTATAGGG AGCATCAGAC TTTTAATCTG ACAATCAAGA PTTTATAT CTC	50 73
(2) INFOR	SEQU (A) (B) (C)	ON FOR SEQ ID NO:351: UENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
(xi)	SEQ	UENCE DESCRIPTION: SEQ ID NO:351:	
TCAGATTAA	AA AG	TCTGATGC TCCCTATAGT GAGTCGTATT A	41
(i)	SEQ (A) (B) (C) (D)	TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
		QUENCE DESCRIPTION: SEQ ID NO:352:	31
CCGGATCC	GT TI	CAATAGAG ATATAAAATT C	31

(2)	(i)	ATION FOR SEQ ID NO:353: SEQUENCE CHARACTERISTICS: (A) LENGTH: 50 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:353:	
TTTC	ATAGAT	NNNNNNNN NNNNNNNNN NNNNNNNNN NNCTTGATTG	50
(2)	(i)	ATION FOR SEQ ID NO:354: SEQUENCE CHARACTERISTICS: (A) LENGTH: 105 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:354:	
		GACUUUUAAU CUGACAAUCA AGNNNNNNN NNNNNNNNNNNNNNNNNNNNNNNNNNN	50 100
UCCG	G		105
(2)	(i)	ATION FOR SEQ ID NO:355: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:355:	
UCAA	GAAUUC	CGUUUUCAGU CGGGAAAAAC UGAACAAUCU	40
(2)	(i)	ATION FOR SEQ ID NO:356: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:356:	
ucaa	gAAUAU	CUUCCGAAGC CGAACGGGAA AACCGGCAUC U	41
(2)	(i)	ATION FOR SEQ ID NO:357: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: pucleic acid	

(C) STRANDEDNESS: single(D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:357:	
UCAAGAAUAU CUUCCGAGGC CGAACGGGAA AACCGACAUC U 4	1
(2) INFORMATION FOR SEQ ID NO:358: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:358:	
UCAAGGGCAU CUGGGAGGU AAGGGUAAGG UUGUCGGAUC U 4	1
(2) INFORMATION FOR SEQ ID NO:359: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:359:	
UCAAGAAUAU AUCCGAACUC GACGGGAUAA CGAGAAGAUC U 4	1
(2) INFORMATION FOR SEQ ID NO:360: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 39 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:360:	
UCAAGUACCU AGGUGAUAAA AGGGAGAACA CGUGUGACU 3	9
(2) INFORMATION FOR SEQ ID NO:361: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:361:	
UCAAGACAGU AUCCGUUCUU GAUCAUCGGG ACAAAUGAUC U 4	1
(2) INFORMATION FOR SEQ ID NO:362:	

	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:362:	
UCAA	AGAAUU	C CGUUUUCAGU CGGGAAAAAC UGAACAAUCU	40
(2)		MATION FOR SEQ ID NO:363: SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:363:	
AGUC	CGGGAA	A AACUGAACAA UCUAUGAAAG	30
(2)		MATION FOR SEQ ID NO:364: SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:364:	
GCCC	BAACGG	G AAAACCGGCA UCUAUGAAAG	30
(2)		MATION FOR SEQ ID NO:365: SEQUENCE CHARACTERISTICS: (A) LENGTH: 25 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:365:	
CAAI	JCAAGA?	A UUCCGUUUUC AGUCG	25
(2)	INFORM	MATION FOR SEQ ID NO:366: SEQUENCE CHARACTERISTICS: (A) LENGTH: 25 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEC ID NO.366:	

AAGAAUAUCU UCCGAAGCCG AACGG	∠ 5
(2) INFORMATION FOR SEQ ID NO:367: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 23 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:367:	
NNNRNNCACC AUCAGGGNNY NNN	23
(2) INFORMATION FOR SEQ ID NO:368: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:368:	
AGAUGAAGAU ACAGCUCUAG AUGCUGGACA CAUCU	35
(2) INFORMATION FOR SEQ ID NO:369: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 33 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:369:	
UUCGAAUGAU CCCUUAACCG GUUGAUCUAU GAA	33
 (2) INFORMATION FOR SEQ ID NO:370: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 31 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:370:	
UGGGCGCAGC GUCAAUGACG CUGACGGUAC A	31
(2) INFORMATION FOR SEQ ID NO:371: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 16 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:371:	
NNNNUKGAG RHACHN	16
 (2) INFORMATION FOR SEQ ID NO:372: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 13 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:372:	
NDGGMCUCNN NNN	13
(2) INFORMATION FOR SEQ ID NO:373: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 14 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:373:	
NNNNGHWGAH ACAG	14
(2) INFORMATION FOR SEQ ID NO:374: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 12 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:374:	
CUGGACACNN NN	12